

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 10/781,722

Attorney Docket No. Q79793

AMENDMENTS TO THE DRAWINGS

Applicants are submitting herewith Replacement Sheets in which Figs. 1 and 2 are labeled with the designation "PRIOR ART."

Attachment: Replacement Sheets

REMARKS

Claims 1-20 have been examined and have been rejected under 35 U.S.C. § 102(e).

I. Preliminary matters

A. Objection to the drawings

The Examiner has objected to the drawings because Figs. 1 and 2 should be labeled as “PRIOR ART.” Applicants submit that the amendments to the drawings overcome the objection.

B. Objection to the Abstract

The Examiner has objected to the Abstract because it contains more than 150 words. Applicants submit that the amendments to the Abstract overcome the objection.

II. Rejection under 35 U.S.C. § 102(e) over U.S. Patent Publ. No. 2003/0006994 to Suzuki (“Suzuki”)

Claims 1-20 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Suzuki.

A. Claim 1

Applicants submit that claim 1 is patentable over the reference. For example, the claim relates to a display panel drive that comprises a multi-grayscale component, an address component, and a light emission sustaining component.

The multi-grayscale component derives multi-grayscale pixel data by adding a different offset value to pixel data corresponding to M display line groups. The address component divides at least one of a plurality of subfields into M subsubfields and performs a lighting or extinction mode setting for the M display line groups in the M subsubfields. Also, the light emission sustaining component weights the M display line groups with different brightness values, respectively.

On the other hand, Suzuki does not disclose or suggest deriving multi-grayscale pixel data by adding a different offset value to pixel data corresponding to M display line groups and weighting the M display line groups with different brightness values, respectively. Also, the reference does not suggest dividing a subfield into M subsubfields and performing a mode setting, as claimed, for the M different display line groups in the M subsubfields.

As noted in Paragraph 0009, the Suzuki device allocates dither components to respective pixel positions in a pixel group, and the dither components are added to the respective pixel data. However, this operation and structure does not suggest the claim features discussed above. Accordingly, Applicants submit that claim 1 is patentable over the reference.

B. Claims 2-15

Since claims 2-15 depend upon claim 1, Applicants submit that they are patentable at least by virtue of their dependency.

C. Claim 16

Claim 16 relates to a display drive panel that comprises a multi-grayscale component and a light emission driving component. The multi-grayscale component derives pixel data by adding a different offset value to pixel data corresponding to M display line groups. In addition, the light emission driving component weights each of the M display line groups differently in intensity. Since these claimed features are similar to some of the features discussed above in conjunction with claim 1, Applicants submit that they are patentable for similar reasons.

III. Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the

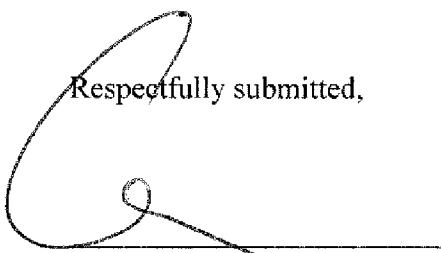
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Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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